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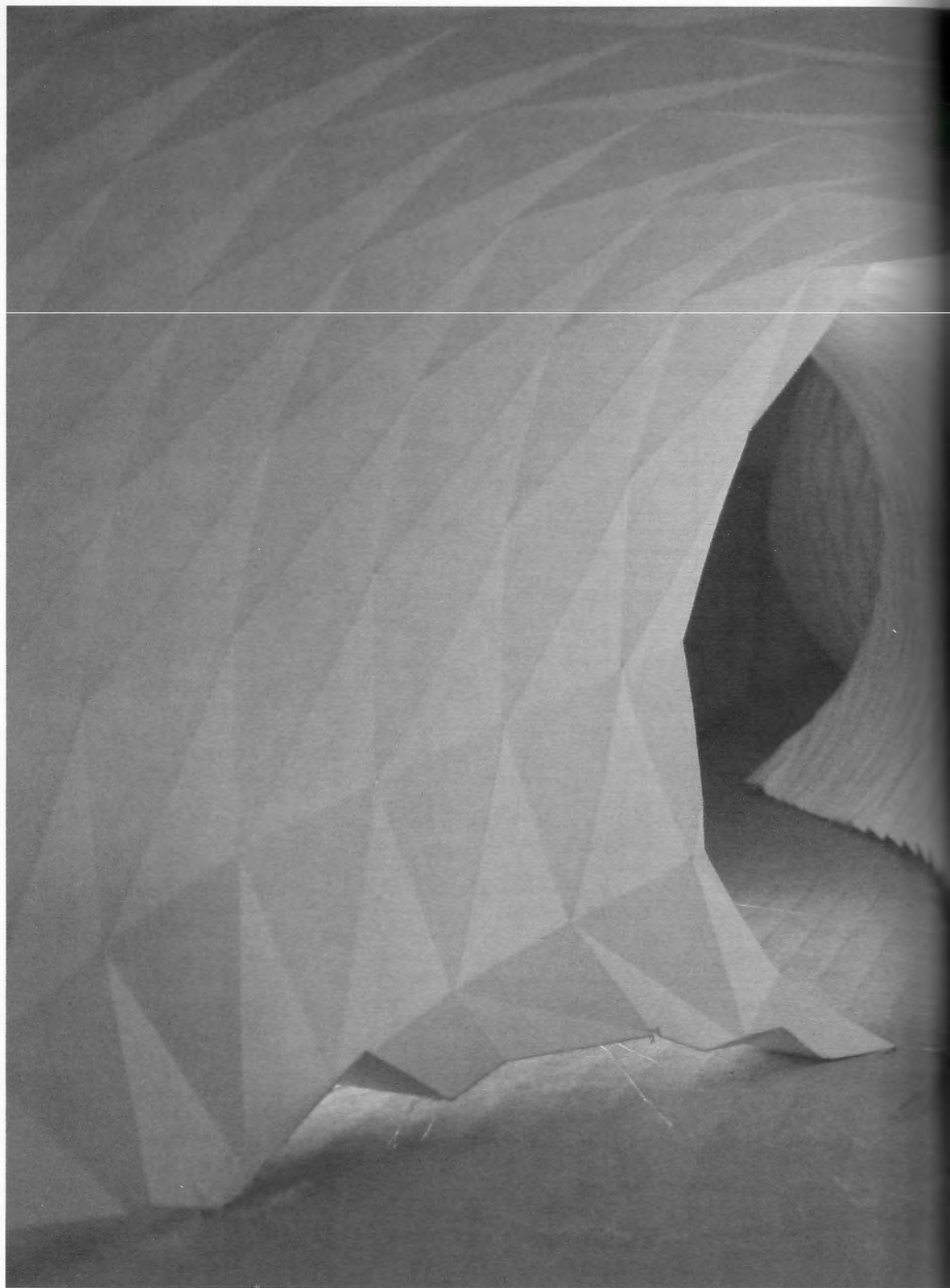


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DESIGN READING ROOM

JIN HAN

Chicago Studio, Façade Project

I started with folding paper. And found simple origami pattern that seemed very interesting to me. I then used thin dowels to recreate the origami pattern. I found this structure to be very strong though I still needed triangular surfaces in between the bars. I could cut hundreds of paper triangles, but instead I decided to dip it into soapy water. It was fascinating experience. And I thought it would be interesting if I could make architecture with soap water. And potentially freeze it as it was winter. Though it was a success, I examined several other materials for their surface quality and decided to use thin perforated metal sheet.

I also studied the site of the design reading room. I set my focus on reducing noise, and creating maximum indirect sunlight. I found noise to be an issue inside and outside the library. My solution for reducing noise was to create different compartments, or pockets, on the wall so that those compartments keep their noise within, and not disturbing other compartments. In this way the reading spaces are contained from the regular sounds of the library, like the scanner, copy machine, security alarm and movement in the atrium. These spaces would also benefit from walls angled toward the west side of the COD to create the maximum natural light.

